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RAW SEQUENCE LISTING

DATE: 04/26/2002

PATENT APPLICATION: US/10/050,227

TIME: 14:29:25

Input Set : N:\Crf3\RULE60\10050227.raw

Output Set: N:\CRF3\04262002\J050227.raw

SEQUENCE LISTING

3 (1) GENERAL INFORMATION:

- (i) APPLICANT: Browne, Michael J.
Murphy, Kay E.
Chapman, Conrad G.
Clinkenbeard, Helen E.
Young, Peter R.
Shatzman, Allan R.

ENTERED

(ii) TITLE OF INVENTION: Novel Compounds

(iii) NUMBER OF SEQUENCES: 21

(iv) CORRESPONDENCE ADDRESS:

- (A) ADDRESSEE: SmithKline Beecham Corporation
(B) STREET: 709 Swedeland Road, P.O. Box 1539
(C) CITY: King of Prussia
(D) STATE: Pennsylvania
(E) COUNTRY: USA
(F) ZIP: 19406

(v) COMPUTER READABLE FORM:

- (A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: PatentIn Release #1.0, Version #1.30

(vi) CURRENT APPLICATION DATA:

- (A) APPLICATION NUMBER: US/10/050,227
(B) FILING DATE: 16-Jan-2002
(C) CLASSIFICATION:

(vii) PRIOR APPLICATION DATA:

- (A) APPLICATION NUMBER: US/09/200,324
(B) FILING DATE:
(A) APPLICATION NUMBER: US 08/468,296
(B) FILING DATE: 06-JUN-1995

(viii) ATTORNEY/AGENT INFORMATION:

- (A) NAME: Sutton, Jeffrey A.
(B) REGISTRATION NUMBER: 34,028
(C) REFERENCE/DOCKET NUMBER: P31005C2

(ix) TELECOMMUNICATION INFORMATION:

- (A) TELEPHONE: 610-270-5024
(B) TELEFAX: 610-270-5090

51 (2) INFORMATION FOR SEQ ID NO: 1:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 6367 base pairs
(B) TYPE: nucleic acid--
(C) STRANDEDNESS: double

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59 (D) TOPOLOGY: circular

65 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

67	GACGTCGACG	GATCGGGAGA	TCGGGGATCG	ATCCGTCGAC	GTACGACTAG	TTATTAATAG	60
69	TAATCAATTA	CGGGGTCATT	AGTTCATAGC	CCATATATGG	AGTTCCGCGT	TACATAACTT	120
71	ACGGTAAATG	GCCCCCCTGG	CTGACCGCCC	AACGACCCCC	GCCCATTGAC	GTCAATAATG	180
73	ACGTATGTTT	CCATAGTAAC	GCCAATAGGG	ACTTTCCATT	GACGTCAATG	GGTGGACTAT	240
75	TTACGGTAAA	CTGCCCCTT	GGCAGTACAT	CAAGTGTATC	ATATGCCAAG	TACGCCCCCT	300
77	ATTGACGTCA	ATGACGGTAA	ATGGCCCCGCC	TGGCATTATG	CCCAGTACAT	GACCTTATGG	360
79	GACTTTCCTA	CTTGGCAGTA	CATCTACGTA	TTAGTCATCG	CTATTACCAT	GGTGATGCGG	420
81	TTTTGGCAGT	ACATCAATGG	GCGTGGATAG	CGGTTTGACT	CACGGGGATT	TCCAAGTCTC	480
83	CACCCCATTG	ACGTCAATGG	GAGTTTGTTT	TGGCACCAAA	ATCAACGGGA	CTTTCCAAAA	540
85	TGTCGTAAAC	ACTCCGCCCC	ATTGACGCAA	ATGGGCGGTA	GGCGTGTACG	GTGGGAGGTC	600
87	TATATAAGCA	GAGCTGGGTA	CGTGAACCGT	CAGATCGCCT	GGAGACGCCA	TCGAATTTCG	660
89	TTACCTGCAG	ATATCAAGCT	AATTCCGGTAC	CGAGCCCCAA	TCGGCCGACA	AAACTCACAC	720
91	ATGCCCAACG	TGCCCAGCAC	CTGAACCTCT	GGGGGGACCG	TCAGTCTTCC	TCTTCCCCCC	780
93	AAAACCCAAG	GACACCTTCA	TGATCTCCCG	GACCCCTGAG	GTCACATGCG	TGGTGGTGGA	840
95	CGTGAGCCAC	GAAGACCCTG	AGGTCAAGTT	CAACTGGTAC	GTGGACGGCG	TGGAGGTGCA	900
97	TAATGCCAAG	ACAAAGCCGC	GGGAGGAGCA	GTACAACAGC	ACGTACCGGG	TGGTCAGCGT	960
99	CCTCACCGTC	CTGCACCAGG	ACTGGCTGAA	TGGCAAGGAG	TACAAGTGCA	AGGTCTCCAA	1020
101	CAAAGCCCTC	CCAGCCCCCA	TCGAGAAAAC	CATCTCCAAA	GCCAAAGGGC	AGCCCCGAGA	1080
103	ACCACAGGTG	TACACCCTGC	CCCCATCCCG	GGATGAGCTG	ACCAAGAACC	AGGTCAGCCT	1140
105	GACCTGCCTG	GTCAAAGGCT	TCTATCCCAG	CGACATCGCC	GTGGAGTGGG	AGAGCAATGG	1200
107	GCAGCCGGAG	AACAACACAC	AGACCACGCC	TCCCGTGCTG	GACTCCGACG	GCTCCTTCTT	1260
109	CCTCTACAGC	AAGCTCACCG	TGGACAAGAG	CAGGTGGCAG	CAGGGGAACG	TCTTCTCATG	1320
111	CTCCGTGATG	CATGAGGCTC	TGCACAACCA	CTACACGCAG	AAGAGCCTCT	CCCTGTCTCC	1380
113	GGGTAAATGA	GTGTAGTCTA	GAGCTCGCTG	ATCAGCCTCG	ACTGTGCCTT	CTAGTTGCCA	1440
115	GCCATCTGTT	GTTTGCCCCCT	CCCCCGTGCC	TTCTTTGACC	CTGGAAGGTG	CCACTCCAC	1500
117	TGTCCTTTCC	TAATAAAATG	AGGAAATTGC	ATCGCATTGT	CTGAGTAGGT	GTCATTCTAT	1560
119	TCTGGGGGGT	GGGGTGGGGC	AGGACAGCAA	GGGGGAGGAT	TGGGAAGACA	ATAGCAGGCA	1620
121	TGCTGGGGAT	GCGGTGGGCT	CTATGGAACC	AGCTGGGGCT	CGAGGGGGGA	TCTCCCGATC	1680
123	CCCAGCTTTG	CTTCTCAATT	TCTTATTTGC	ATAATGAGAA	AAAAAGGAAA	ATTAATTTTA	1740
125	ACACCAATTC	AGTAGTTGAT	TGAGCAAATG	CGTTGCCAAA	AAGGATGCTT	TAGAGACAGT	1800
127	GTTCTCTGCA	CAGATAAGGA	CAAACATTAT	TCAGAGGGAG	TACCCAGAGC	TGAGACTCCT	1860
129	AAGCCAGTGA	GTGGCACAGC	ATTCTAGGGA	GAAATATGCT	TGTCATCACC	GAAGCCTGAT	1920
131	TCCGTAGAGC	CACACCTTGG	TAAGGGCCAA	TCTGCTCACA	CAGGATAGAG	AGGGCAGGAG	1980
133	CCAGGGCAGA	GCATATAAGG	TGAGGTAGGA	TCAGTTGCTC	CTCACATTTG	CTTCTGACAT	2040
135	AGTTGTGTTG	GGAGCTTGGA	TAGCTTGAGC	AGCTCAGGGC	TGCGATTTTC	CGCCAAACTT	2100
137	GACGGCAATC	CTAGCGTGAA	GGCTGGTAGG	ATTTTATCCC	CGCTGCCATC	ATGGTTTCGAC	2160
139	CATTGAACTG	CATCGTCGCC	GTGTCCCAAA	ATATGGGGAT	TGGCAAGAAC	GGAGACCTAC	2220
141	CCTGGCCTCC	GCTCAGGAAC	GAGTTCAAGT	ACTTCCAAAG	AATGACCACA	ACCTCTTCAG	2280
143	TGGAAGGTAA	ACAGAATCTG	GTGATTATGG	GTAGGAAAAC	CTGGTTCTCC	ATTCTTGAGA	2340
145	AGAATCGACC	TTTAAAGGAC	AGAATTAATA	TAGTTCTCAG	TAGAGAACTC	AAAGAACCAC	2400
147	CACGAGGAGC	TCATTTTCTT	GCCAAAAGTT	TGGATGATGC	CTTAAGACTT	ATTGAACAAC	2460
149	CGGAATTGGC	AAGTAAAGTA	GACATGGTTT	GGATAGTCGG	AGGCAGTTCT	GTTTACCAGG	2520
151	AAGCCATGAA	TCAACCAGGC	CACCTTAGAC	TCTTTGTGAC	AAGGATCATG	CAGGAATTTG	2580
153	AAAGTGACAC	GTTTTTCCCA	GAAATTGATT	TGGGGAAATA	TAACTTCTC	CCAGAATACC	2640
155	CAGGCGTCCT	CTCTGAGGTC	CAGGAGGAAA	AAGGCATCAA	GTATAAGTTT	GAAGTCTACG	2700
157	AGAAGAAAGA	CTAACAGGAA	GATGCTTTCA	AGTTCTCTGC	TCCCCTCCTA	AAGCTATGCA	2760
159	TTTTTATAAG	ACCATGCTAG	CTTGAACCTG	TTTATTGCAG	CTTATAATGG	TTACAAATAA	2820

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161	AGCAATAGCA	TCACAAATTT	CACAAATAAAA	GCATTTTTTTT	CACTGCATTTC	TAGTTGTGGT	2880
163	TTGTCCAAAC	TCATCAATGT	ATCTTATCAT	GTCTGGATCA	ACGATAGCTT	ATCTGTGGGC	2940
165	GATGCCAAGC	ACCTGGATGC	TGTTGGTTTC	CTGCTACTGA	TTTAGAAGCC	ATTTGCCCCC	3000
167	TGAGTGGGGC	TTGGGAGCAC	TAACTTTCTC	TTTCAAAGGA	AGCAATGCAG	AAAGAAAAGC	3060
169	ATACAAAGTA	TAAGTGCCA	TGTAATAATG	GAAGAAGATA	AGGTTGTATG	AATTAGATTT	3120
171	ACATACTTCT	GAATTGAAAC	TAAACACCTT	TAAATTCTTA	AATATATAAC	ACATTTTATA	3180
173	TGAAAGTATT	TTACATAAGT	AACTCAGATA	CATAGAAAAC	AAAGCTAATG	ATAGGTGTCC	3240
175	CTAAAAGTTC	ATTTATTAAT	TCTACAAATG	ATGAGCTGGC	CATCAAAATT	CCAGCTCAAT	3300
177	TCTTCAACGA	ATTAGAAAGA	GCAATCTGCA	AACTCATCTG	GAATAACAAA	AAACCTAGGA	3360
179	TAGCAAAAAC	TCTTCTCAAG	GATAAAAAGAA	CCTCTGGTGG	AATCACCATG	CCTGACCTAA	3420
181	AGCTGTACTA	CAGAGCAATT	GTGATAAAAA	CTGCATGGTA	CTGATATAGA	AACGGACAAG	3480
183	TAGACCAATG	GAATAGAACC	CACACACCTA	TGGTCACTTG	ATCTTCAACA	AGAGAGCTAA	3540
185	AACCATCCAC	TGGAAAAAAG	ACAGCATTTT	CAACAAATGG	TGCTGGCACA	ACTGGTGGTT	3600
187	ATCATGGAGA	AGAATGTGAA	TTGATCCATT	CCAATCTCCT	TGTACTAAGG	TCAAATCTAA	3660
189	GTGGATCAAG	GAACTCCACA	TAAAACCAGA	GACACTGAAA	CTTATAGAGG	AGAAAGTGGG	3720
191	GAAAAGCCTC	GAAGATATGG	GCACAGGGGA	AAAATTCCTG	AATAGAACAG	CAATGGCTTG	3780
193	TGCTGTAAGA	TCGAGAATTG	ACAAATGGGA	CCTCATGAAA	CTCCAAAGCT	ATCGGATCAA	3840
195	TTCTTCCAAA	AAAGCCTCCT	CACTACTTCT	GGAATAGCTC	AGAGGCCGAG	GCGGCCTCGG	3900
197	CCTCTGCATA	AATAAAAAAA	ATTAGTCAGC	CATGCATGGG	GCGGAGAATG	GGCGGAAGTG	3960
199	GGCGGAGTTA	GGGCGGGGAT	GGGCGGAGTT	AGGGGCGGGA	CTATGGTTGC	TGACTAATTG	4020
201	AGATGCATGC	TTTGACATACT	TCTGCCTGCT	GGGGAGCCTG	GGGACTTTCC	ACACCTGGTT	4080
203	GCTGACTAAT	TGAGATGCAT	GCTTTGCATA	CTTCTGCCTG	CTGGGGAGCC	TGGGGACTTT	4140
205	CCACACCCTA	ACTGACACAC	ATTCCACAGA	ATTAATTCCC	GATCCCGTCG	ACCTCGAGAG	4200
207	CTTGGCGTAA	TCATGGTCAT	AGCTGTTTCC	TGTGTGAAAT	TGTTATCCGC	TCACAATTCC	4260
209	ACACAACATA	CGAGCCGGAA	GCATAAAGTG	TAAAGCCTGG	GGTGCCTAAT	GAGTGAGCTA	4320
211	ACTCACATTA	ATTGCGTTGC	GCTCACTGCC	CGCTTTCCAG	TCGGGAAACC	TGTCGTGCCA	4380
213	GCTGCATTAA	TGAATCGGCC	AACGCGCGGG	GAGAGGCGGT	TTGCGTATTG	GGCGCTCTTC	4440
215	CGCTTCCTCG	CTCACTGACT	CGCTGCGCTC	GGTCGTTCCG	CTGCGGCGAG	CGGTATCAGC	4500
217	TCACTCAAAG	GCGGTAATAC	GGTTATCCAC	AGAATCAGGG	GATAACGCAG	GAAAGAACAT	4560
219	GTGAGCAAAA	GGCCAGCAAA	AGGCCAGGAA	CCGTAAAAAG	GCCGCGTTGC	TGGCGTTTTT	4620
221	CCATAGGCTC	CGCCCCCCTG	ACGAGCATCA	CAAAAATCGA	CGCTCAAGTC	AGAGGTGGCG	4680
223	AAACCCGACA	GGACTATAAA	GATACCAGGC	GTTTCCCCCT	GGAAGCTCCC	TCGTGCGCTC	4740
225	TCCTGTTCCTG	ACCCTGCCGC	TTACCGGATA	CCTGTCCGCG	TTTCTCCCTT	CGGGAAGCGT	4800
227	GGCGCTTTCT	CAATGCTCAC	GCTGTAGGTA	TCTCAGTTCC	GTGTAGGTCG	TTCGCTCCAA	4860
229	GCTGGGCTGT	GTGCACGAAC	CCCCCGTTCA	GCCCCAGCGC	TGCGCCTTAT	CCGGTAACTA	4920
231	TCGTCTTGAG	TCCAACCCGG	TAAGACACGA	CTTATCGCCA	CTGGCAGCAG	CCACTGGTAA	4980
233	CAGGATTAGC	AGAGCGAGGT	ATGTAGGCGG	TGCTACAGAG	TTCTTGAAGT	GGTGGCCTAA	5040
235	CTACGGCTAC	ACTAGAAGGA	CAGTATTTGG	TATCTGCGCT	CTGCTGAAGC	CAGTTACCTT	5100
237	CGGAAAAAGA	GTTGGTAGCT	CTTGATCCGG	CAAAACAAACC	ACCGCTGGTA	GCGGTGGTTT	5160
239	TTTTGTTTGC	AAGCAGCAGA	TTACGCGCAG	AAAAAAGGA	TCTCAAGAAG	ATCCTTTGAT	5220
241	CTTTTCTACG	GGGTCTGACG	CTCAGTGGA	CGAAACTCA	CGTTAAGGGA	TTTTGGTCAT	5280
243	GAGATTATCA	AAAAGGATCT	TCACCTAGAT	CCTTTTAAAT	TAAAAATGAA	GTTTTAAATC	5340
245	AATCTAAAGT	ATATATGAGT	AAACTTGGTC	TGACAGTTAC	CAATGCTTAA	TCAGTGAGGC	5400
247	ACCTATCTCA	GCGATCTGTC	TATTTTCGTT	ATCCATAGTT	GCCTGACTCC	CCGTGCTGTA	5460
249	GATAACTACG	ATACGGGAGG	GCTTACCATC	TGGCCCCAGT	GCTGCAATGA	TACCGCGAGA	5520
251	CCCACGCTCA	CCGGCTCCAG	ATTTATCAGC	AATAAACCAG	CCAGCCGGAA	GGGCCGAGCG	5580
253	CAGAAGTGGT	CCTGCAACTT	TATCCGCCTC	CATCCAGTCT	ATTAATTGTT	GCCGGGAAGC	5640
255	TAGAGTAAAGT	AGTTCGCCAG	TTAATAGTTT	GCGCAACGTT	GTTGCCATTG	CTACAGGCAT	5700
257	CGTGGTGTCA	CGCTCGTCGT	TTGGTATGGC	TTCATTACAG	TCCGGTTCCC	AACGATCAAG	5760

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Input Set : N:\Crif3\RULE60\10050227.raw

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259	GCGAGTTACA	TGATCCCCCA	TGTTGTGCAA	AAAAGCGGTT	AGCTCCTTCG	GTCCTCCGAT	5820
261	CGTTGTCAGA	AGTAAGTTGG	CCGCAGTGTT	ATCACTCATG	GTTATGGCAG	CACTGCATAA	5880
263	TTCTCTTACT	GTCATGCCAT	CCGTAAGATG	CTTTTCTGTG	ACTGGTGAGT	ACTCAACCAA	5940
265	GTCATTCTGA	GAATAGTGTA	TGCGGCGACC	GAGTTGCTCT	TGCCCCGGCGT	CAATACGGGA	6000
267	TAATACCGCG	CCACATAGCA	GAACCTTAAA	AGTGCTCATC	ATTGGAAAAC	GTTCTTCGGG	6060
269	GCGAAAATC	TCAAGGATCT	TACCGCTGTT	GAGATCCAGT	TCGATGTAAAC	CCACTCGTGC	6120
271	ACCCAATGA	TCTTCAGCAT	CTTTTACTTT	CACCAGCGTT	TCTGGGTGAG	CAAAAACAGG	6180
273	AAGGCAAAAT	GCCGCAAAAA	AGGGAATAAG	GGCGACACGG	AAATGTTGAA	TACTCATACT	6240
275	CTTCCTTTTT	CAATATTATT	GAAGCATTTA	TCAGGGTTAT	TGTCTCATGA	GCGGATACAT	6300
277	ATTTGAATGT	ATTTAGAAAA	ATAAACAAAT	AGGGGTTCCG	CGCACATTTT	CCCGAAAAGT	6360
279	GCCACCT						6367

281 (2) INFORMATION FOR SEQ ID NO: 2:

283 (i) SEQUENCE CHARACTERISTICS:

284 (A) LENGTH: 6926 base pairs

285 (B) TYPE: nucleic acid

286 (C) STRANDEDNESS: double

287 (D) TOPOLOGY: circular

293 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

295	GACGTCGACG	GATCGGGAGA	TCGGGGATCG	ATCCGTCGAC	GTACGACTAG	TTATTAATAG	60
297	TAATCAATTA	CGGGGTCATT	AGTTCATAGC	CCATATATGG	AGTTCCGCGT	TACATAACTT	120
299	ACGGTAAATG	GCCCGCCTGG	CTGACCGCCC	AACGACCCCC	GCCCATTGAC	GTCAATAATG	180
301	ACGTATGTTC	CCATAGTAAC	GCCAATAGGG	ACTTTCCATT	GACGTCAATG	GGTGGACTAT	240
303	TTACGGTAAA	CTGCCCACTT	GGCAGTACAT	CAAGTGTATC	ATATGCCAAG	TACGCCCCCT	300
305	ATTGACGTCA	ATGACGGTAA	ATGGCCCGCC	TGGCATTATG	CCCAGTACAT	GACCTTATGG	360
307	GACTTTCCTA	CTTGGCAGTA	CATCTACGTA	TTAGTCATCG	CTATTACCAT	GGTGATGCGG	420
309	TTTTGGCAGT	ACATCAATGG	GCGTGGATAG	CGGTTTGACT	CACGGGGATT	TCCAAGTCTC	480
311	CACCCATTG	ACGTCAATGG	GAGTTTGTTT	TGGCACCAAA	ATCAACGGGA	CTTTCCAAAA	540
313	TGTCGTAACA	ACTCCGCCCC	ATTGACGCAA	ATGGGCGGTA	GGCGTGTACG	GTGGGAGGTC	600
315	TATATAAGCA	GAGCTGGGTA	CGTGAACCGT	CAGATCGCCT	GGAGACGCCA	TCGAATTCGG	660
317	TTACCTGCAG	ATGGGCTGCA	GGAATTCGCG	ATTGCAGAGA	TAATTGTATT	TAAGTGCCTA	720
319	GCTCGATACA	ATAAACGCCA	TTTGACCATT	CACCACATTG	GTGTGCACCT	CCAAGCTTAC	780
321	CTGCCATGGG	TCTCACCTCC	CAACTGCTTC	CCCCTCTGTT	CTTCCTGCTA	GCATGTGCCG	840
323	GCAACTTTGT	CCACGGACAC	AAGTGCGATA	TCACCTTACA	GGAGATCATC	AAAACCTTGA	900
325	ACAGCCTCAC	AGAGCAGAAG	ACTCTGTGCA	CCGAGTTGAC	CGTAACAGAC	ATCTTTGCTG	960
327	CCTCCAAGAA	CACAACGTAG	AAGGAAACCT	TCTGCAGGGC	TGCGACTGTG	CTCCGGCAGT	1020
329	TCTACAGCCA	CCATGAGAAG	GACACTCGCT	GCCTGGGTGC	GACTGCACAG	CAGTTCCACA	1080
331	GGCACAAGCA	GCTGATCCGA	TTCCTGAAAC	GGCTCGACAG	GAACCTCTGG	GGCCTGGCGG	1140
333	GCTTGAAATC	CTGTCTGTG	AAGGAAGCCA	ACCAGAGTAC	GTTGGAAAAC	TTCTTGGAAG	1200
335	GGCTAAAGAC	GATCATGAGA	GAGAAAGACT	CAAAGTGTTT	GAGCGGTACC	GAGCCCAAAT	1260
337	CGGCCGACAA	AACTCACACA	TGCCCACCGT	GCCCAGCACC	TGAACTCCTG	GGGGGACCGT	1320
339	CAGTCTTCCT	CTTCCCCCCA	AAACCCAAGG	ACACCCTCAT	GATCTCCCGG	ACCCCTGAGG	1380
341	TCACATGCGT	GGTGGTGGAC	GTGAGCCACG	AAGACCCTGA	GGTCAAGTTC	AACTGGTACG	1440
343	TGGACGGCGT	GGAGGTGCAT	AATGCCAAGA	CAAAGCCGCG	GGAGGAGCAG	TACAACAGCA	1500
345	CGTACCGGGT	GGTCAGCGTC	CTCACCCTCC	TGCACCAGGA	CTGGCTGAAT	GGCAAGGAGT	1560
347	ACAAGTGCAA	GGTCTCCAAC	AAAGCCCTCC	CAGCCCCCAT	CGAGAAAACC	ATCTCCAAAG	1620
349	CCAAAGGGCA	GCCCCGAGAA	CCACAGGTGT	ACACCCTGCC	CCCATCCCGG	GATGAGCTGA	1680
351	CCAAGAACCA	GGTCAGCCTG	ACCTGCCTGG	TCAAAGGCTT	CTATCCCAGC	GACATCGCCG	1740
353	TGGAGTGGGA	GAGCAATGGG	CAGCCGGAGA	ACAACTACAA	GACCACGCCT	CCCGTGCTGG	1800
355	ACTCCGACGG	CTCCTTCTTC	CTCTACAGCA	AGCTCACCCT	GGACAAGAGC	AGGTGGCAGC	1860

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357	AGGGGAACGT	CTTCTCATGC	TCCGTGATGC	ATGAGGCTCT	GCACAACCAC	TACACGCAGA	1920
359	AGAGCCTCTC	CCTGTCTCCG	GGTAAATGAG	TGTAGTCTAG	AGCTCGCTGA	TCAGCCTCGA	1980
361	CTGTGCCTTC	TAGTTGCCAG	CCATCTGTTG	TTTGCCCTC	CCCCGTGCCT	TCCTTGACCC	2040
363	TGGAAGGTGC	CACTCCCACT	GTCCTTTCCT	AATAAAATGA	GGAAATTGCA	TCGCATTGTC	2100
365	TGAGTAGGTG	TCATTCTATT	CTGGGGGGTG	GGGTGGGGCA	GGACAGCAAG	GGGGAGGATT	2160
367	GGGAAGACAA	TAGCAGGCAT	GCTGGGGATG	CGGTGGGCTC	TATGGAACCA	GCTGGGGCTC	2220
369	GAGGGGGGAT	CTCCCGATCC	CCAGCTTTGC	TTCTCAATTT	CTTATTTGCA	TAATGAGAAA	2280
371	AAAAGGAAAA	TTAATTTTAA	CACCAATTCA	GTAGTTGATT	GAGCAAATGC	GTTGCCAAAA	2340
373	AGGATGCTTT	AGAGACAGTG	TTCTCTGCAC	AGATAAGGAC	AAACATTATT	CAGAGGGAGT	2400
375	ACCCAGAGCT	GAGACTCCTA	AGCCAGTGAG	TGGCACAGCA	TTCTAGGGAG	AAATATGCTT	2460
377	GTCATCACCG	AAGCCTGATT	CCGTAGAGCC	ACACCTTGGT	AAGGGCCAAT	CTGCTCACAC	2520
379	AGGATAGAGA	GGGCAGGAGC	CAGGGCAGAG	CATATAAGGT	GAGGTAGGAT	CAGTTGCTCC	2580
381	TCACATTTGC	TTCTGACATA	GTTGTGTTGG	GAGCTTGGAT	AGCTTGGACA	GCTCAGGGCT	2640
383	GCGATTTGCG	GCCAACTTG	ACGGCAATCC	TAGCGTGAAG	GCTGGTAGGA	TTTTATCCCC	2700
385	GCTGCCATCA	TGGTTCGACC	ATTGAACTGC	ATCGTCGCCG	TGTCCCAAAA	TATGGGGATT	2760
387	GGCAAGAACG	GAGACCTACC	CTGGCCTCCG	CTCAGGAACG	AGTTCAAGTA	CTTCCAAAGA	2820
389	ATGACCACAA	CCTCTTCAGT	GGAAAGTAAA	CAGAATCTGG	TGATTATGGG	TAGGAAAACC	2880
391	TGGTTCTCCA	TTCTTGAGAA	GAATCGACCT	TTAAAGGACA	GAATTAATAT	AGTTCTCAGT	2940
393	AGAGAACTCA	AAGAACCACC	ACGAGGAGCT	CATTTTCTTG	CCAAAAAGTTT	GGATGATGCC	3000
395	TTAAGACTTA	TTGAACAACC	GGAATTGGCA	AGTAAAGTAG	ACATGGTTTG	GATAGTCGGA	3060
397	GGCAGTTCTG	TTTACCAGGA	AGCCATGAAT	CAACCAGGCC	ACCTTAGACT	CTTTGTGACA	3120
399	AGGATCATGC	AGGAATTTGA	AAGTGACACG	TTTTTCCAG	AAATTGATTT	GGGGAAATAT	3180
401	AAACTTCTCC	CAGAATACCC	AGGCGTCCCTC	TCTGAGGTCC	AGGAGGAAAA	AGGCATCAAG	3240
403	TATAAGTTTG	AAGTCTACGA	GAAGAAAGAC	TAACAGGAAG	ATGCTTTCAA	GTTCTCTGCT	3300
405	CCCTCCTAA	AGCTATGCAT	TTTTATAAGA	CCATGCTAGC	TTGAACTTGT	TTATTGCAGC	3360
407	TTATAATGGT	TACAAATAAA	GCAATAGCAT	CACAAATTTT	ACAAATAAAG	CATTTTTTTT	3420
409	ACTGCATTCT	AGTTGTGGTT	TGTCCAAACT	CATCAATGTA	TCTTATCATG	TCTGGATCAA	3480
411	CGATAGCTTA	TCTGTGGGCG	ATGCCAAGCA	CCTGGATGCT	GTTGGTTTCC	TGCTACTGAT	3540
413	TTAGAAGCCA	TTTGCCCCCT	GAGTGGGGCT	TGGGAGCACT	AACTTTCTCT	TTCAAAGGAA	3600
415	GCAATGCAGA	AAGAAAAGCA	TACAAAGTAT	AAGCTGCCAT	GTAATAATGG	AAGAAGATAA	3660
417	GGTTGTATGA	ATTAGATTTA	CATACTTCTG	AATTGAACT	AAACACCTTT	AAATTCTTAA	3720
419	ATATATAACA	CATTTTCATAT	GAAAGTATTT	TACATAAGTA	ACTCAGATAC	ATAGAAAACA	3780
421	AAGCTAATGA	TAGGTGTCCC	TAAAAGTTCA	TTTATTAATT	CTACAAATGA	TGAGCTGGCC	3840
423	ATCAAAATTC	CAGCTCAATT	CTTCAACGAA	TTAGAAAGAG	CAATCTGCAA	ACTCATCTGG	3900
425	AATAACAAAA	AACCTAGGAT	AGCAAAAACCT	CTTCTCAAGG	ATAAAAGAAC	CTCTGGTGGA	3960
427	ATCACCATGC	CTGACCTAAA	GCTGTACTAC	AGAGCAATTG	TGATAAAAAAC	TGCATGGTAC	4020
429	TGATATAGAA	ACGGACAAGT	AGACCAATGG	AATAGAACCC	ACACACCTAT	GGTCACTTGA	4080
431	TCTTCAACAA	GAGAGCTAAA	ACCATCCACT	GGAAAAAAGA	CAGCATTTTC	AACAAATGGT	4140
433	GCTGGCACAA	CTGGTGGTTA	TCATGGAGAA	GAATGTGAAT	TGATCCATTC	CAATCTCCTT	4200
435	GTAATAAGGT	CAAATCTAAG	TGGATCAAGG	AACTCCACAT	AAAACCAGAG	ACACTGAAAC	4260
437	TTATAGAGGA	GAAAGTGGGG	AAAAGCCTCG	AAGATATGGG	CACAGGGGAA	AAATTCCTGA	4320
439	ATAGAACAGC	AATGGCTTGT	GCTGTAAGAT	CGAGAATTGA	CAAATGGGAC	CTCATGAAAC	4380
441	TCCAAAGCTA	TCGGATCAAT	TCCTCCAAAA	AAGCCTCCTC	ACTACTTCTG	GAATAGCTCA	4440
443	GAGGCCGAGG	CGGCCTCGGC	CTCTGCATAA	ATAAAAAAAA	TTAGTCAGCC	ATGCATGGGG	4500
445	CGGAGAATGG	GCGGAACCTG	GCGGAGTTAG	GGGCGGGATG	GGCGGAGTTA	GGGGCGGGAC	4560
447	TATGGTTGCT	GACTAATTGA	GATGCATGCT	TTGCATACTT	CTGCCTGCTG	GGGAGCCTGG	4620
449	GGACTTTCCA	CACCTGGTTG	CTGACTAATT	GAGATGCATG	CTTTGCATAC	TTCTGCCTGC	4680
451	TGGGGAGCCT	GGGGACTTTC	CACACCCTAA	CTGACACACA	TTCCACAGAA	TTAATTCCCG	4740
453	ATCCCGTCGA	CCTCGAGAGC	TTGGCGTAAT	CATGGTCATA	GCTGTTTCCT	GTGTGAAATT	4800

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/050,227

DATE: 04/26/2002

TIME: 14:29:26

Input Set : N:\CrF3\RULE60\10050227.raw

Output Set: N:\CRF3\04262002\J050227.raw

L:31 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]

L:32 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]